

CONTENTS VOLUME 75

Vol. 75 No. 1 1999

FLORIN DIACU / Two-Body Problems with Drag or Thrust: Qualitative Results	1-15
J. MARTÍNEZ ALFARO and C. CHIRALT MONLEÓN / Keplerian Periodic Orbits in the Isosceles Problem	17-27
ANA B. GONZÁLEZ, PABLO MARTÍN and DAVID J. LÓPEZ / Behaviour of a New Type of Runge-Kutta Methods when Integrating Satellite Orbits	29-38
G. A. KRASINSKY / Tidal Effects in the Earth-Moon System and the Earth's Rotation	39-66
KONSTANTIN V. KHOLSHEVNIKOV and NIKOLAY N. VASSILIEV / On Linking Coefficient of Two Keplerian Orbits	67-74

Vol. 75 No. 2 1999

KONSTANTIN V. KHOLSHEVNIKOV and NIKOLAY N. VASSILIEV / On the Distance Function between Two Keplerian Elliptic Orbits	75-83
CHRISTOPHER JEKELI / The Determination of Gravitational Potential Differences from Satellite-to-Satellite Tracking	85-101
GABRIELLA DELLA PENNA / Analytical and Numerical Results on the Stability of a Planetary Precessional Model	103-124
HIROSHI KINOSHITA and HIROSHI NAKAI / Analytical Solution of the Kozai Resonance and its Application	125-147
S. BLANES, F. CASAS and J. ROS / Extrapolation of Symplectic Integrators	149-161

Vol. 75 No. 3 1999

G. CONTOPOULOS / A Tribute to Heinz Eichhorn	163-164
C. M. GIORDANO and A. R. PLASTINO / Jacobi Dynamics and the <i>N</i> -Body Problem with Variable Masses	165-183
I. STELLMACHER / Periodic Solutions for Resonance 4/3: Application to the Construction of an Intermediary Orbit for Hyperion's Motion	185-200
TOSHIO FUKUSHIMA / Fast Procedure Solving Universal Kepler's Equation	201-226



- M. CECÍLIA ZANARDI and R. VILHENA DE MORAES / Analytical and Semi-Analytical Analysis of an Artificial Satellite's Rotational Motion 227-250
- KRZYSZTOF GOŹDZIEWSKI and ANDRZEJ J. MACIEJEWSKI / Unrestricted Planar Problem of a Symmetric Body and a Point Mass. Triangular Libration Points and Their Stability 251-285
- F. ROOSBEEK / Analytical Developments of Rigid Mars Nutation and Tide Generating Potential Series 287-300
- Book Review:
Victor A. Brumberg and Eugene V. Brumberg: *Celestial Mechanics at High Eccentricities* (JOHN D. HADJIDEMETRIOU) 301

